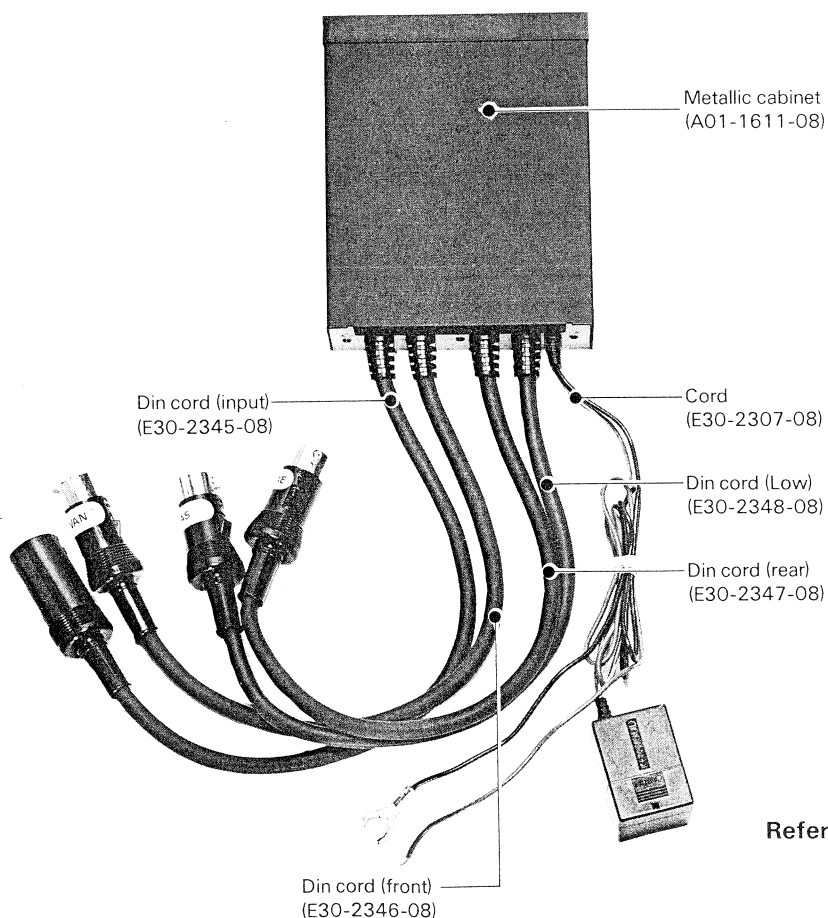
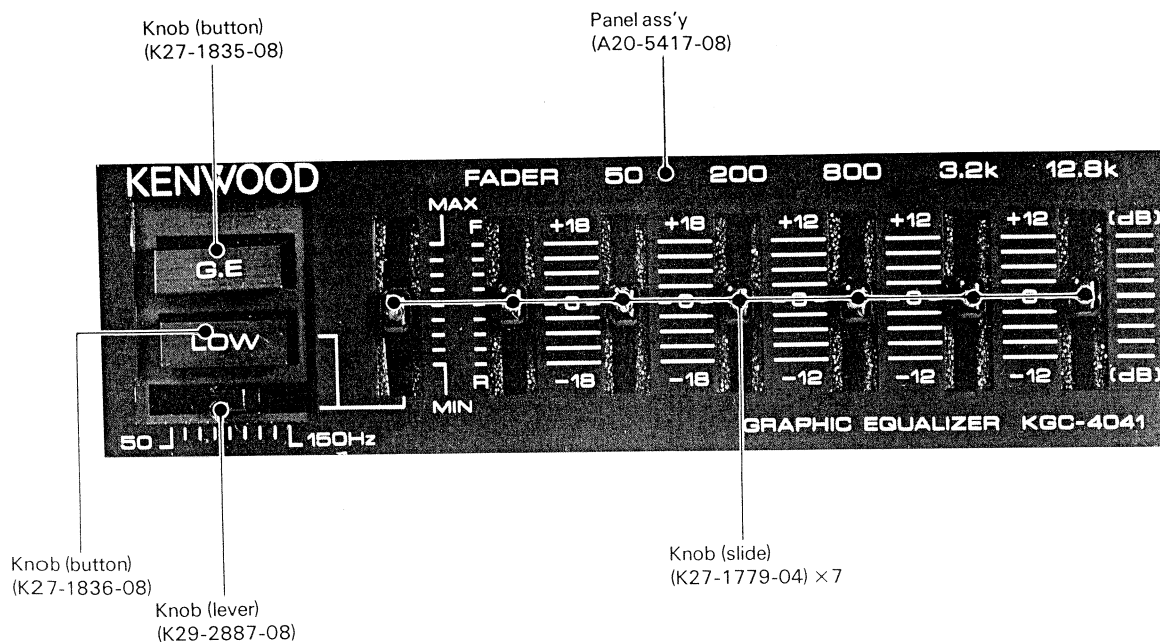




Refer to parts list on page 10.

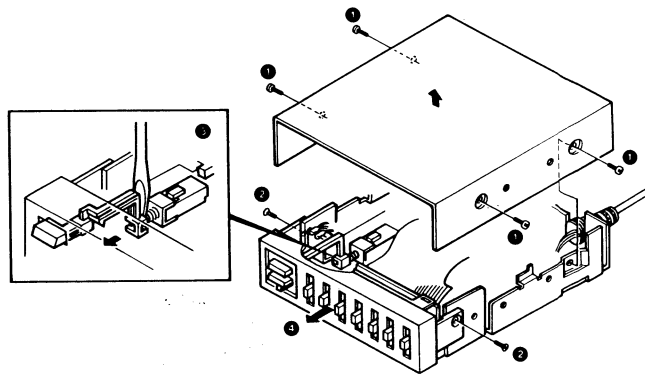
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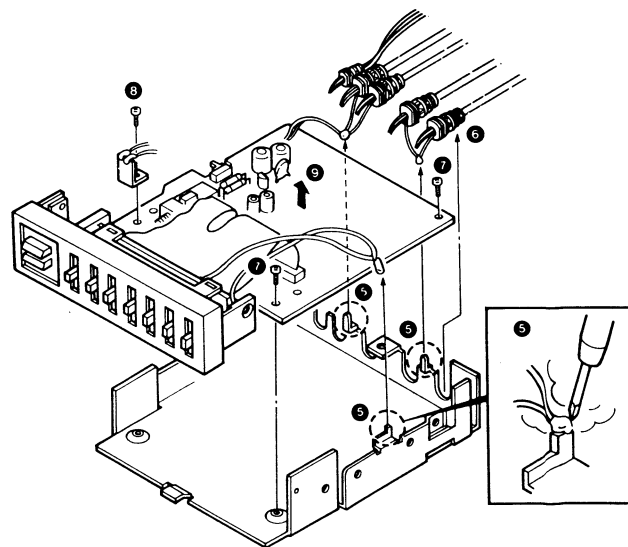
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SPECIFICATIONS	BACK COVER

DISASSEMBLY FOR REPAIR

1. Remove the 4 screws **1** holding the bottom cover, and remove the cover.
2. Remove the 2 screws **2** holding the front panel, and separate the GE switch knob from the switch section of the PC board, as shown in the illustration **3**.
3. Remove the front panel in the direction of the arrow **4**.

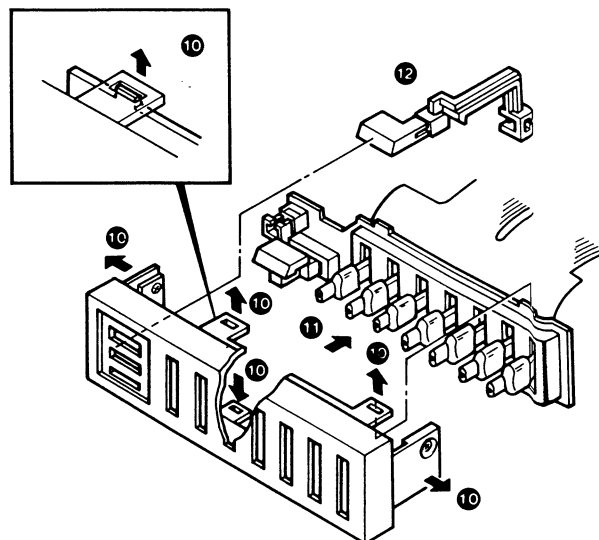


4. Remove the solder from the 3 points on the chassis **5** where wires are attached.
5. Separate the cord **6** from the rear part of the chassis.
6. Remove the 3 screws **7** **8** holding the Main board, and take out the PC board in the direction of the arrow **9**.



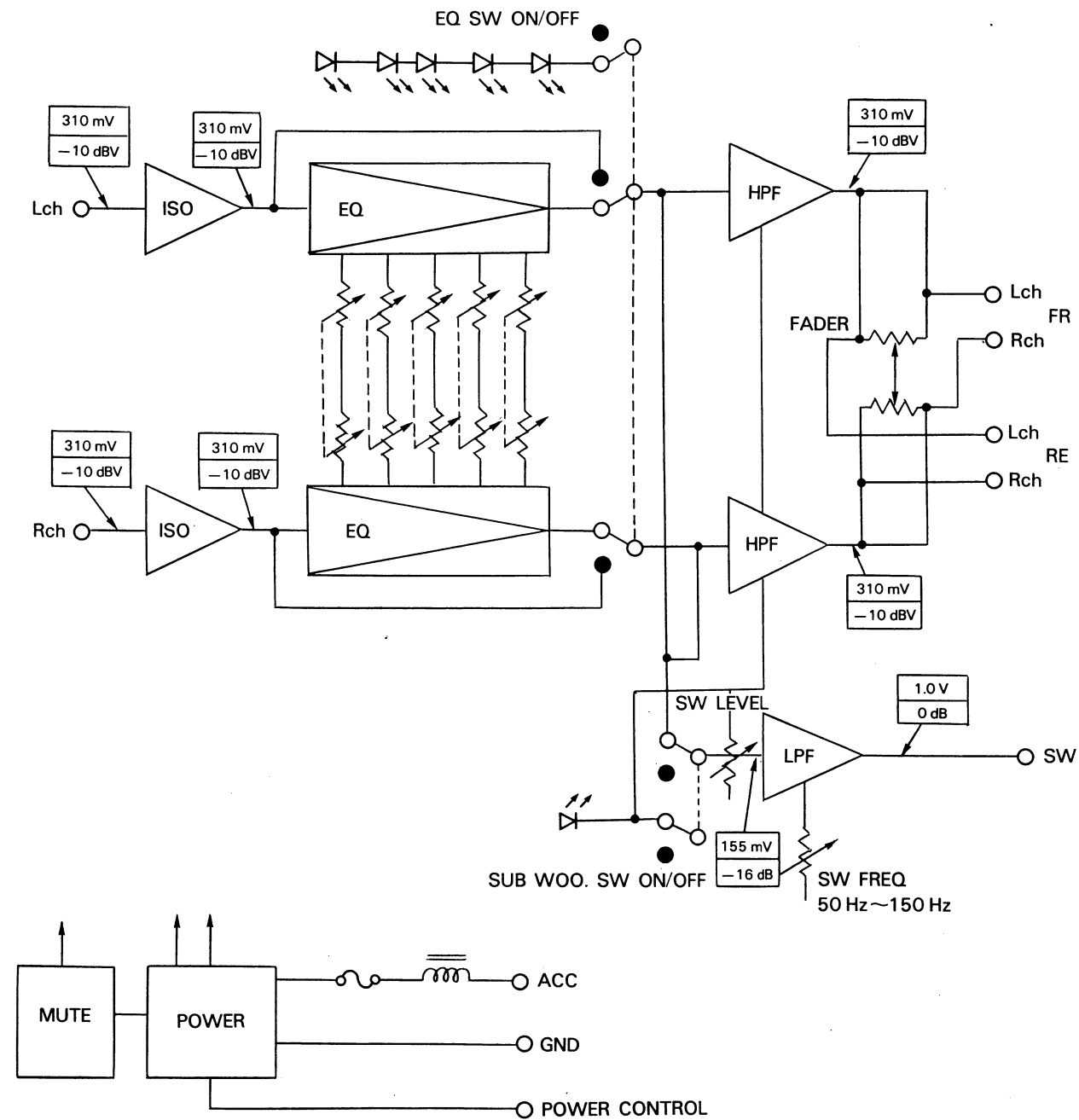
Removing the PC board from the front panel

7. Disengage the 5 lugs **10** holding the Graphic Equalizer board, and take out the PC board **11**. At this time, the knob **12** is also removed. This knob cannot be attached after the PC board has been attached. Therefore, when attaching the PC board to the panel, also attach the knob by inserting it between them.

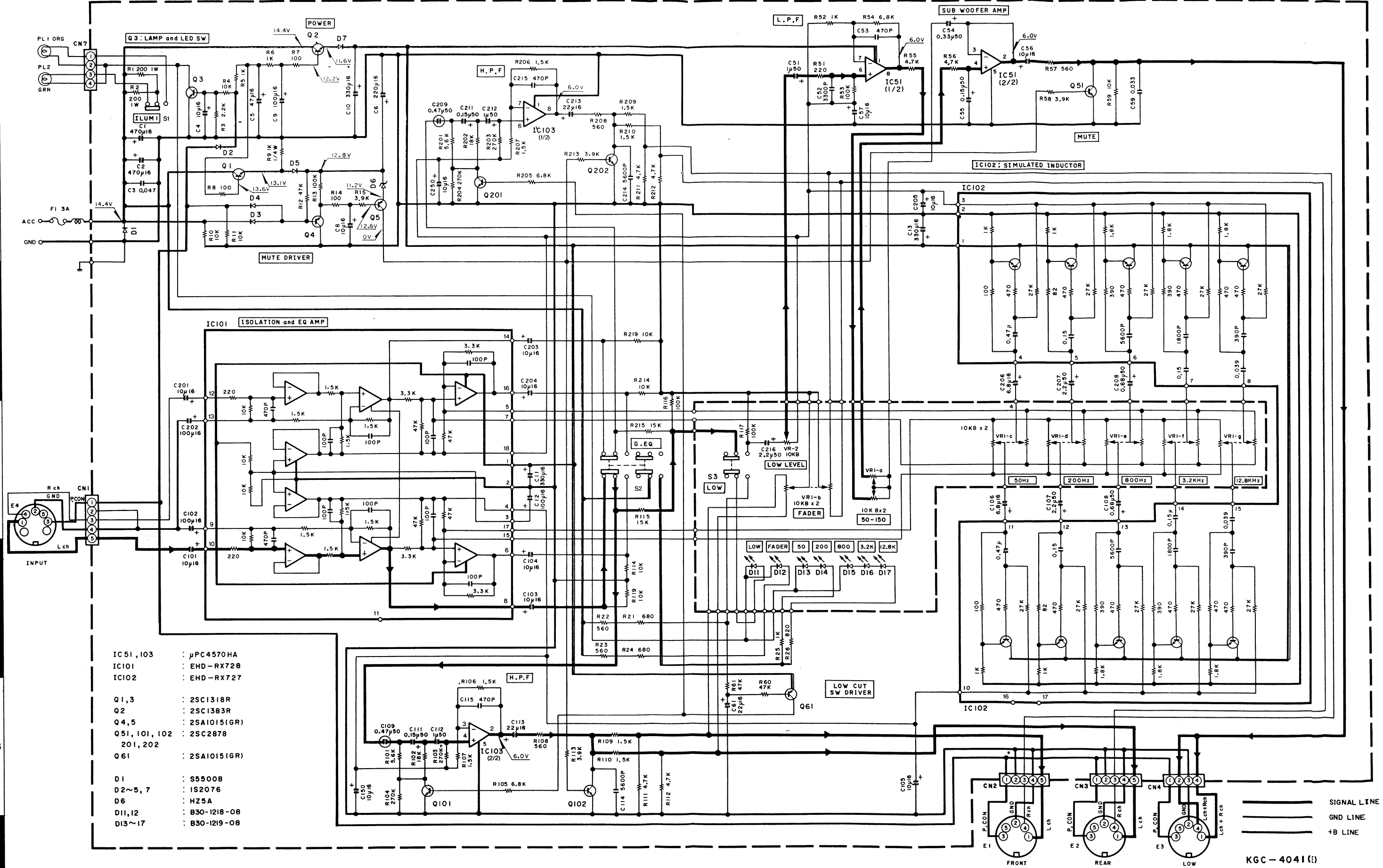


BLOCK LEVEL DIAGRAM

CIRCUIT DESCRIPTION

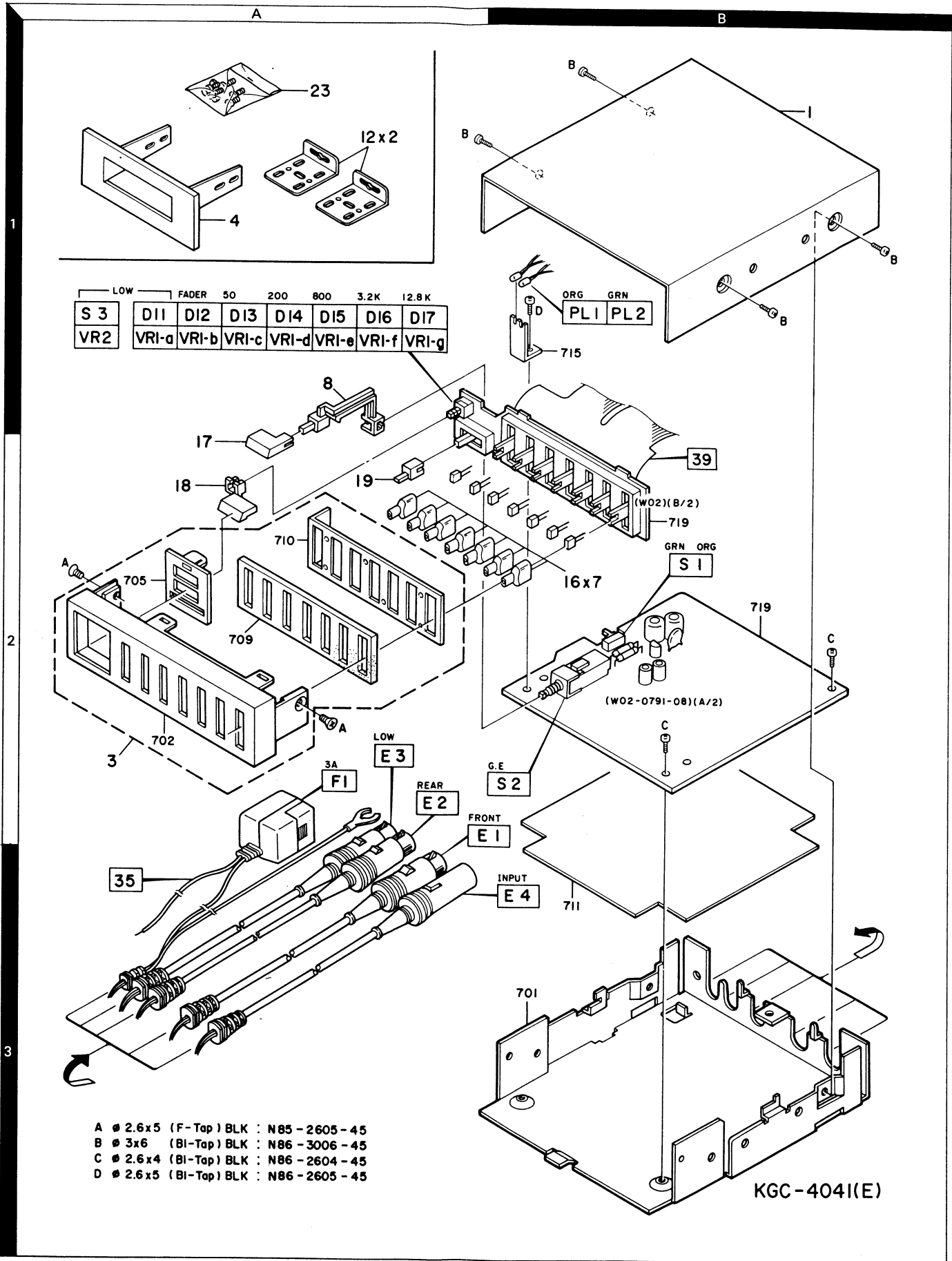


Components	Function	Operation, Condition, Compatibility
Q1, 4, 5	Mute driver	Temporary muting when POWER CONTROL is ON.
Q2	Power switch	Turns the power ON when POWER CONTROL is ON.
Q3	Lamp and LED switch	Lights the indicator lamp when POWER is ON, and lights the LEDs when LOW SW is ON.
Q51	Mute switch	Temporary muting when POWER CONTROL is ON.
Q61	Low cut switch driver	Operates when LOW is ON.
Q101, 201	Low cut switch	Operates when LOW is ON.
Q102, 202	Mute switch	Temporary muting when POWER CONTROL is ON.
IC51 (1/2)	Low pass filter	
IC51 (2/2)	Sub woofer amp	
IC101	Isolation and EQ amp	
IC102	Simulated inductor	
IC103	High pass filter	



KGC-4041 KGC-4041

EXPLODED VIEW



PARTS LIST

× New Parts
Parts without Parts No. are not supplied.
Les articles non mentionnés dans le Parts No. ne sont pas fournis.
Teile ohne Parts No. werden nicht geliefert.

Ref. No.	Address	New Parts	Parts No.	Description	Destination	Remarks
参照番号	位置	新	部品番号	部品名 / 規格	仕向	備考
KGC-4041						
1	1B		A01-1611-08	METALLIC CABINET		
2	2A	*	A20-5416-08	PANEL		
3	2A		A20-5417-08	PANEL ASSY		
4	1A		A21-0474-08	DRESSING PANEL		
-			B46-0100-10	WARRANTY CARD		
-			B50-8003-00	INSTRUCTION MANUAL		
-			B58-0803-03	CAUTION CARD (DBP)		
8	1A	*	D22-0066-08	JOINT (GE KNOB)		
F1	2A		F06-3026-05	FUSE (3A)		
-		*	H01-7652-08	ITEM CARTON BOX		
-			H10-1821-08	POLYSTYRENE FOAMED FIXTURE		
-			H12-0194-08	CARTON BOARD (UPPER)		
-		*	H25-0076-04	PROTECTION BAG		
-			H25-0079-04	PROTECTION BAG		
-			H25-0096-04	PROTECTION BAG		
-			H25-0112-04	PROTECTION BAG (INST MANU)		
-			H25-0239-08	PROTECTION BAG		
12	1A		J21-3693-08	MOUNTING HARDWARE		
16	2B	*	K27-1779-04	KNOB(BUTTON) G.EQ		
17	2A	*	K27-1835-08	KNOB(BUTTON) GE		
18	2A	*	K27-1836-08	KNOB(BUTTON) LOW		
19	2A	*	K29-2887-08	KNOB(SLIDE) 50-150HZ		
23	1A		N99-0201-08	SCREW SET		
ELECTRIC UNIT (W02-0791-08)						
PL1	1B	*	B30-1214-08	LAMP ASSY(ORG)		
PL2	1B	*	B30-1213-08	LAMP ASSY(GRN)		
C1 ,2			CE04DW1C471M	ELECTRO 470UF 16WV		
C3			CK45F1H473Z	CERAMIC 0.047UF Z		
C4			C90-0478-05	ELECTRO 10UF 16WV		
C5			CE04DW1C470M	ELECTRO 47UF 16WV		
C6			CE04DW1C221M	ELECTRO 220UF 16WV		
C8			C90-0478-05	ELECTRO 10UF 16WV		
C9			C90-1502-08	ELECTRO 100UF 16WV		
C10 ,11			CE04DW1C331M	ELECTRO 330UF 16WV		
C12			C90-1502-08	ELECTRO 100UF 16WV		
C13			CE04DW1C331M	ELECTRO 330UF 16WV		
C51			CE04AW1H010M	LL-ELEC 1.0UF 50WV		
C52			C092M1H332J	MYLAR 3300PF J		
C53			CK45B1H471K	CERAMIC 470PF K		
C54			CE04AW1HR33M	LL-ELEC 0.33UF 50WV		
C55		*	C90-1613-08	ELECTRO 0.15UF 50WV		
C56			C90-0478-05	ELECTRO 10UF 16WV		
C57			C90-0478-05	ELECTRO 10UF 16WV		
C59			C092M1H333J	MYLAR 0.033UF J		
C61			C90-0825-05	ELECTRO 22UF 16WV		
C101			C90-0478-05	ELECTRO 10UF 16WV		
C102			C90-1502-08	ELECTRO 100UF 16WV		
C103,104		*	C90-1614-08	ELECTRO 10UF 16WV		
C105			C90-0478-05	ELECTRO 10UF 16WV		

E: Scandinavia & Europe K: USA P: Canada W:Europe

U: PX(Far East, Hawaii) T: England M: Other Areas

UE: AAFES(Europe) X: Australia

△ indicates safety critical components.

PARTS LIST

× New Parts

Parts without Parts No. are not supplied.

Les articles non mentionnés dans le Parts No. ne sont pas fournis.

Teile ohne Parts No. werden nicht geliefert.

Ref. No. 参照番号	Address 位置	New Parts 新	Parts No. 部品番号	Description 部品名 / 規格	Desti- nation 仕向	Re- marks 備考
C106		*	C90-1612-08	ELECTRØ 6.8UF 16WV		
C107			C90-0508-05	ELECTRØ 2.2UF 50WV		
C108			CE04AW1HR68M	LL-ELEC 0.68UF 50WV		
C109			C90-1331-05	NP-ELEC 0.47UF 50WV		
C111			C90-1613-08	ELECTRØ 0.15UF 50WV		
C112			CE04AW1H010M	LL-ELEC 1.0UF 50WV		
C113			C90-0825-05	ELECTRØ 22UF 16WV		
C114		*	C092M1H562J	MYLAR 5600PF J		
C115			CK45B1H471K	CERAMIC 470PF K		
C150			C90-0478-05	ELECTRØ 10UF 16WV		
C201			C90-0478-05	ELECTRØ 10UF 16WV		
C202			C90-1502-08	ELECTRØ 100UF 16WV		
C203, 204		*	C90-1614-08	ELECTRØ 10UF 16WV		
C205			C90-0478-05	ELECTRØ 10UF 16WV		
C206		*	C90-1612-08	ELECTRØ 6.8UF 16WV		
C207			C90-0508-05	ELECTRØ 2.2UF 50WV		
C208			CE04AW1HR68M	LL-ELEC 0.68UF 50WV		
C209			C90-1331-05	NP-ELEC 0.47UF 50WV		
C211		*	C90-1613-08	ELECTRØ 0.15UF 50WV		
C212			CE04AW1H010M	LL-ELEC 1.0UF 50WV		
C213			C90-0825-05	ELECTRØ 22UF 16WV		
C214			C092M1H562J	MYLAR 5600PF J		
C215			CK45B1H471K	CERAMIC 470PF K		
C216			C90-0508-05	ELECTRØ 2.2UF 50WV		
C250			C90-0478-05	ELECTRØ 10UF 16WV		
D11, 12	1A	*	B30-1218-08	LED (RED) LOW, FADER		
D13 -17	1A	*	B30-1219-08	LED (ORG) GE		
35	3A	*	E30-2307-08	CØRD		
E1	3B	*	E30-2346-08	DIN CØRD (FRØNT)		
E2	2A	*	E30-2347-08	DIN CØRD (REAR)		
E3	2A	*	E30-2348-08	DIN CØRD (LOW)		
E4	3A	*	E30-2345-08	DIN CØRD (INPUT, 8P)		
39	2B	*	J25-5750-08	FLEXIBLE PC BOARD		
R1, 2			RS14DB3A201J	FL-PROOF RS 200 J 1W		
R9			RD14DB2E102J	FL-PROOF RS 1.0K J 1/4W		
VR1	1A	*	R90-0496-08	PØTENTIØMETER(10KBX2) GE		
VR2	1A	*	R13-3047-08	PØTENTIØMETER(10K) LOW LEVEL		
S3	1A	*	S40-2367-08	PUSH SWITCH (LOW)		
S2	2B	*	S40-4077-08	PUSH SWITCH (G. EQ)		
S1	2B	*	S31-1025-08	SLIDE SWITCH (ILUMI)		
D1			S5500B	DIØDE		
D2 -5, 7			1S2076	DIØDE		
D6		*	HZ5A	ZENER DIØDE		
IC51		*	UPC4570HA	IC(ØP AMP X2)		
IC101		*	EHD-RX728	IC(ISOØATION AND EQ AMP)		
IC102		*	EHD-RX727	IC(SIMULATED INDUCTØR)		
IC103		*	UPC4570HA	IC(ØP AMP X2)		
Q1		*	2SC1318R	TRANSISTØR		
Q2		*	2SC1383R	TRANSISTØR		
Q3		*	2SC1318R	TRANSISTØR		
Q4, 5			2SA1015(GR)	TRANSISTØR		
Q51			2SC2878	TRANSISTØR		
Q61			2SA1015(GR)	TRANSISTØR		
Q101, 102			2SC2878	TRANSISTØR		
Q201, 202			2SC2878	TRANSISTØR		

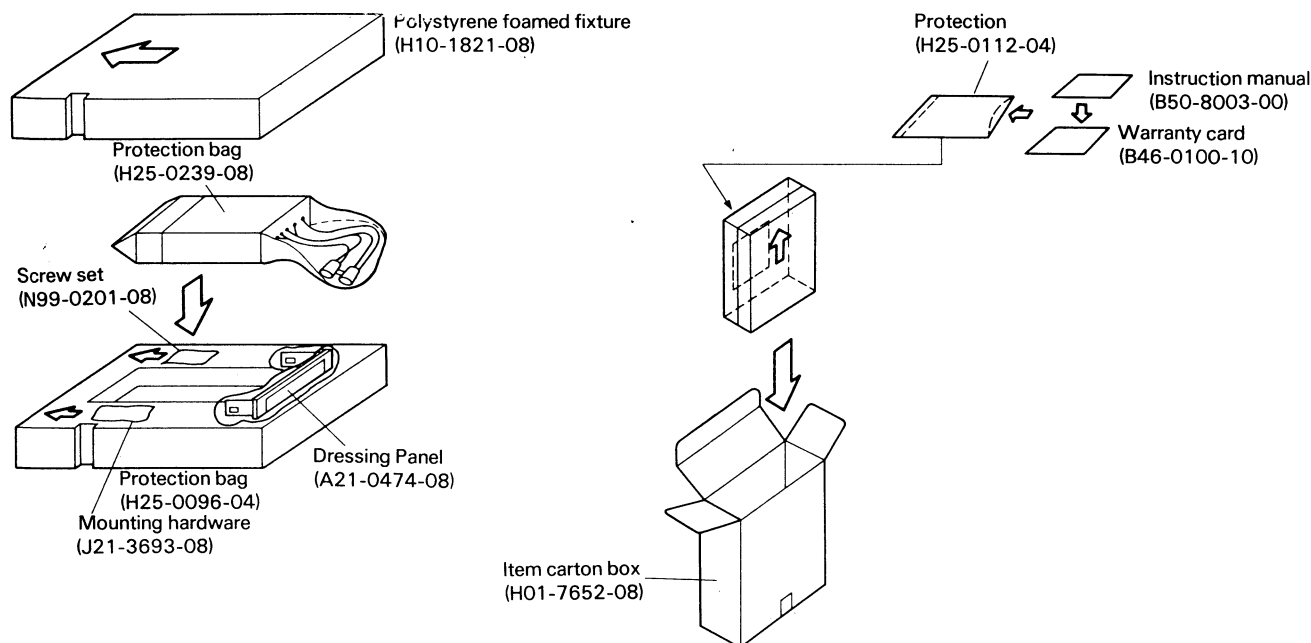
E: Scandinavia & Europe K: USA P: Canada W: Europe

U: PX(Far East, Hawaii) T: England M: Other Areas

UE: AAFES(Europe) X: Australia

⚠ indicates safety critical components.

PACKING



SPECIFICATIONS

Specifications subject to change without notice.

Equalizer Section

Equalizer Center Frequency	50 Hz, 200 Hz, 800 Hz, 3.2 kHz, 12.8 kHz
Equalization Range	-18 ~ +18 dB (50 Hz, 200 Hz)
	-12 ~ +12 dB (800 Hz, 3.2 kHz, 12.8 kHz)
Sub-woofer Cut-off Frequency	50 ~ 150 Hz
Sub-woofer Output Gain	-∞ ~ +10 dB
Sub-woofer Cut-off Slope	12 dB/oct

Audio Section

Input Impedance	10 kΩ
Output Impedance	600 Ω
Signal to Noise Ratio	100 dB
T.H.D.	0.01 %
Frequency Response (-3 dB)	20 Hz ~ 60 kHz
Gain	0 dB

General

Operating Voltage	14.4 V (11 ~ 16 V)
Current Consumption (MAX)	120 mA
Dimensions (W x H x D)	89 x 25 x 110 mm
	3-1/2 x 1 x 4-5/16 inch
Weight	440 g
	0.9 lbs

Kenwood follows a policy of continuous advancements in development.
For this reason specifications may be changed without notice.

Kenwood poursuit une politique de progrès constants en ce qui concerne le développement.
Pour cette raison, les spécifications sont sujettes à modifications sans préavis.

Kenwood strebt ständige Verbesserungen in der Entwicklung an.
Daher bleiben Änderungen der technischen Daten jederzeit vorbehalten.

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